



## **Recent helicopter borne gravimetry over the Dead Sea Basin**

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In late spring 2007 a helicopter borne gravimetry survey was conducted over the Dead Sea Basin between Aqaba und and the Dead Sea. Aim of the survey was to enhance the gravity field information in this area by airborne survey. A German helicopter system was used to carry a GT-1A gravity meter system supplied by Canadian Micro Gravity. The survey was started in Tel Aviv with the assembly of the system in the Sikorsky S-76B helicopter. The flights over Israelian territory were conducted from En Yahav field strip, the later flights over Jordan from Aqaba and Amman. The data will be used to enhance a 3-D model of the subsurface of the Dead Sea fault system. This survey is part of the DESIRE (Dead Sea Integrated Research Project) funded by DFG.